

ABSTRACT OF THE DISCLOSURE

A work holder support arm for supporting a work article at a desired orientation with respect to a support structure is provided with a first clamp having clamped and unclamped states for coupling with the support structure. The first clamp has an opening therethrough for accommodating the support structure, and there may be provided a through-hole arranged transverse to the opening. A shaft portion is coupled to the first clamp, the shaft portion having a longitudinal bore therethrough arranged to be axially in registration with the through-hole of the first clamp . Additionally, a second clamp couples with the work article and has clamped and unclamped states. A tube portion is coupled to the second clamp for accommodating telescopically therewithin the first shaft portion. An expansion portion is arranged coaxially with the shaft portion within the tube portion, and is provided with a threaded section. The expansion portion and the shaft portion have corresponding transverse ramps arranged to communicate with each other. An elongated element with a threaded portion for engaging with the threaded section of the expansion portion applies an axial force thereto which causes the expansion portion to be urged transaxially against an interior surface of the tube portion. Simultaneously, the first clamp is urged into the clamped state. The first clamp and the shaft portion preferably are integrally formed, as are the second clamp and the tube portion.